

## PCT REQUEST

Original (for SUBMISSION )

<b>0</b>	<b>For receiving Office use only</b>	
<b>0-1</b>	International Application No.	
<b>0-2</b>	International Filing Date	
<b>0-3</b>	Name of receiving Office and "PCT International Application"	
<b>0-4</b>	<b>Form PCT/RO/101 PCT Request</b>	
<b>0-4-1</b>	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.163)
<b>0-5</b>	<b>Petition</b> The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
<b>0-6</b>	<b>Receiving Office (specified by the applicant)</b>	Japan Patent Office (RO/JP)
<b>0-7</b>	<b>Applicant's or agent's file reference</b>	M04-F-188CT1
<b>I</b>	<b>Title of Invention</b>	MEMORY DEVICE, MEMORY CIRCUIT AND SEMICONDUCTOR INTEGRATED CIRCUIT HAVING VARIABLE RESISTANCE
<b>II</b>	<b>Applicant</b>	
<b>II-1</b>	This person is	applicant only
<b>II-2</b>	Applicant for	all designated States except US
<b>II-4</b>	Name	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
<b>II-5</b>	Address	1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 Japan
<b>II-6</b>	State of nationality	JP
<b>II-7</b>	State of residence	JP
<b>II-8</b>	Telephone No.	06-6908-1473
<b>II-9</b>	Facsimile No.	06-6909-0053
<b>III-1</b>	<b>Applicant and/or inventor</b>	
<b>III-1-1</b>	This person is	applicant and inventor
<b>III-1-2</b>	Applicant for	US only
<b>III-1-4</b>	Name (LAST, First)	MURAOKA, Shunsaku
<b>III-1-5</b>	Address	
<b>III-1-6</b>	State of nationality	
<b>III-1-7</b>	State of residence	

## PCT REQUEST

Original (for SUBMISSION )

III-2	<b>Applicant and/or inventor</b>	
III-2-1	This person is	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	OSANO, Koichi
III-2-5	Address	
III-2-6	State of nationality	
III-2-7	State of residence	
III-3	<b>Applicant and/or inventor</b>	
III-3-1	This person is	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	TAKAHASHI, Ken
III-3-5	Address	
III-3-6	State of nationality	
III-3-7	State of residence	
III-4	<b>Applicant and/or inventor</b>	
III-4-1	This person is	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	SHIMOTASHIRO, Masafumi
III-4-5	Address	
III-4-6	State of nationality	
III-4-7	State of residence	
IV-1	<b>Agent or common representative; or address for correspondence</b>	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	MAEDA, Hiroshi
IV-1-2	Address	Osaka-Marubeni Bldg., 5-7, Hommachi 2-chome, Chuo-ku, Osaka-shi, Osaka 5410053 Japan
IV-1-3	Telephone No.	06-6125-2255
IV-1-4	Facsimile No.	06-6125-2288
IV-1-6	Agent's registration No.	100077931
IV-2	<b>Additional agent(s)</b>	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	TAKEUCHI, Hiroshi(100110939); IMAE, Katsumi(100115059); HARADA, Tomoo(100117710)

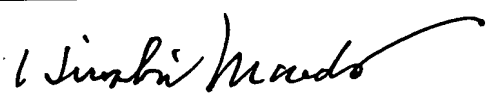
## PCT REQUEST

Original (for SUBMISSION)

<b>V</b>	<b>DESIGNATIONS</b>		
<b>V-1</b>	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.		
<b>VI-1</b>	<b>Priority claim of earlier national application</b>		
VI-1-1	Filing date	26 December 2003 (26.12.2003)	
VI-1-2	Number	2003-435269	
VI-1-3	Country	JP	
<b>VI-2</b>	<b>Priority claim of earlier national application</b>		
VI-2-1	Filing date	27 April 2004 (27.04.2004)	
VI-2-2	Number	2004-131542	
VI-2-3	Country	JP	
<b>VI-3</b>	<b>Priority claim of earlier national application</b>		
VI-3-1	Filing date	04 June 2004 (04.06.2004)	
VI-3-2	Number	2004-167223	
VI-3-3	Country	JP	
<b>VI-4</b>	<b>Priority document request</b>		
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1, VI-2, VI-3	
<b>VII-1</b>	<b>International Searching Authority Chosen</b>	European Patent Office (EPO) (ISA/EP)	
<b>VIII</b>	<b>Declarations</b>	Number of declarations	
<b>VIII-1</b>	Declaration as to the identity of the inventor	-	
<b>VIII-2</b>	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
<b>VIII-3</b>	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
<b>VIII-4</b>	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
<b>VIII-5</b>	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	

## PCT REQUEST

Original (for SUBMISSION)

IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	✓
IX-2	Description	55	-
IX-3	Claims	10	-
IX-4	Abstract	1	✓
IX-5	Drawings	30	-
IX-7	TOTAL	101	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-9	Original separate power of attorney	✓	-
IX-11	Copy of general power of attorney	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-18	other	Revenu stamps of transmittal fee for receiving office	
IX-18	other	Submission of certificate of payment for search fee	
IX-18	other	Submission of certificate of payment for international fee	
IX-18	other	Translation of copy of general power of attorney	
IX-19	Figure of the drawings which should accompany the abstract	1	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	MAEDA, Hiroshi	
X-1-2	Name of signatory		
X-1-3	Capacity		

## PCT REQUEST

Original (for SUBMISSION)

## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
------	--	--